

Date: Fri, 15 Oct 93 23:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1227
To: Info-Hams

Info-Hams Digest Fri, 15 Oct 93 Volume 93 : Issue 1227

Today's Topics:

 49MHz Walkie-Talkies to 6M conversions wanted
 50th Anniversary of the Handheld...
 A little help?
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 Avaialbe 920 MHz Transceivers??
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 re - first SOS in history
 Revised DX-Cluster Wish List
 Southeastern NY Hamfest
 The Canonical list of Code-Wars Answers
 Write to ARRL - was Motorola Ad in October QST

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 16 Oct 1993 04:54:52 GMT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!agate!
usenet.ins.cwru.edu!skybridge!hernix!fmsystem!andrews@network.ucsd.edu
Subject: 49MHz Walkie-Talkies to 6M conversions wanted
To: info-hams@ucsd.edu

Hello all...

I'm looking for any detailed modifications on how to convert _any_ 49 MHz Walkie Talkie (this includes cordless phones {handsets}) to anywhere in 6 meters (AM or FM) for an electronics project for college.

Thanks in advance...

(mabey I should also post this to the QRP mailing-list, Hmmm...)

--

Tell Me Something I Don't Know,	! HAM	=	N80FS
Show Me Something I Can Use,	! ARMY MARS	=	AAN5HJT
Push The Buttons,	! CB	=	THE NEON KNIGHT
Connect The God-Damn Dots!!! - Ministry	! HACKER	=	TH3 N30N KN16Ht

Date: 15 Oct 1993 21:46:18 GMT
From: news.cerf.net!pagesat!olivea!spool.mu.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!lerc.nasa.gov!news.larc.nasa.gov!grissom.larc.nasa.gov!
kludge@network.ucsd.edu
Subject: 50th Anniversary of the Handheld...
To: info-hams@ucsd.edu

In article <19930ct14.144408.10848@bongo.tele.com> julian@bongo.tele.com writes:

> In article <CEvrv3.8uD@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff
> Herman) writes:
> >ANNOUNCING THE 50TH ANNIVERSARY OF THE HANDHELD RADIO
> >MOTOROLA PRESENTS THE WORLDS SMALLEST 2-WAY RADIO
> >
> > THE VICAR
> > ^^^^^^^^
> >
> > Does this mean only Episcopalians (C of E U.K.) can use this
> > radio? Will their be a MINISTER for the non conformists? Will the
> > catholics get a PRIEST? What about the Hindus? will they happily use
> > the GURU?

Hey, I'm not even Scandinavian, and I use a Viking.

--scott

--

"C'est un Nagra. C'est suisse, et tres, tres precis."

Date: Thu, 14 Oct 1993 02:12:10 GMT

From: munnari.oz.au!hp9000.csc.cuhk.hk!hkuxb.hku.hk!hkuxa.hku.hk!
pckwong@uunet.uu.net
Subject: A little help?
To: info-hams@ucsd.edu

Thom Spencer (thom.spencer@onestop.scci.com) wrote:
: At a recent grarage sale, I picked up a Harris (Business or Police)
: Hand-held radio. It works - On 151.625.....
:so I'd like to put it into use....convert it to 2 meter....
: Cheers and 73's de
: N7ZFF Thom Spencer

Date: Fri, 15 Oct 1993 20:13:37 GMT
From: spool.mu.edu!sgiblab!sgigate.sgi.com!odin!odin.corp.sgi.com!
watson@decwrl.dec.com
Subject: Astatic D104
To: info-hams@ucsd.edu

> I have a low pass filter in
> mine to roll off the high frequency response to eliminate that "bottom
> of the barrel" effect. A friend of mine liked the look of the mike but not
> the element, so he removed the crystal element and installed a Heil element.

> >Eric Koester, KA0YWN

Astatic also makes a different-looking head that fits the same base that
the D-104 head fits. The other head (can't recall the model) is
supposedly optimized for frequency response for SSB use. I have
received many glowing reports on the quality of my audio using this head
and the pre-amp base into my Drake TR-7.

-David.
KE6BWJ

Date: 16 Oct 93 03:23:10 GMT
From: ogicse!uwm.edu!spool.mu.edu!agate!iat.holonet.net!bwilkins@network.ucsd.edu
Subject: Aavailable 920 MHz Transceivers??
To: info-hams@ucsd.edu

ljr9282@hazeltine.com (Leonard Rosenblum) writes:
: I read several opinions that the 902-928 MHz band is under-utilized.
:
: I would like to experiment with the band. There is even a local
: repeater. However, most commercial ham gear is for 2m/440 with

: some 220 and 1240.
:
: Does anyone in net.land know the latest and greatest commercial
: off the shelf transceivers with 902-928 Mhz coverage?
: --
: Leonard Rosenblum (N2KRW) - ljr9282@hazeltine.com - (Huntington NY)

Motorola makes the best 902 - 928 MHz radios. But you might have to tweak
the software to make the radio behave as an amateur instead of commercial ;)

n6fri

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: 15 Oct 1993 11:49:36 -0400
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!
howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!
hpuerca.atl.hp.com!hpuerca!jab@network.
Subject: CFA (Cross-Field-Antenna) co-inventor fights back
To: info-hams@ucsd.edu

In <gene.750614091@eagle.csl.uiuc.edu> gene@eagle.csl.uiuc.edu (Gene Gardner)
writes:

>I thought the CFA (Cross-Field-Antenna) had been laid to rest as a hoax, or
>at least very inefficient as a radiator, after all the discussion it
>received after appearing in Electronic World- Wireless World magazine 2 or
>3 years ago. Now it appears that one of the co-inventors is fighting back
>(Sept '93 EW + WW, p.747). According to the editor's note, he has offered
>some further data supporting its good performance, and refers to a paper
>in IEEE, Oct '90. He also invites anyone to visit their broadcast station
>in Egypt for a demonstration verifying performance equal or better than
>the conventional 1/4 wavelength verticals normally used.
> The author still seems to be highly secretive about additional clues
>to help experimenters get a model working properly...implying that it is
>quite a complex technique.

If this is who I think it is (Dr Ken Corum), then the secretive nature may
be due to Government contracts. He is a coworker of mine in Chelmsford Mass.
He and his brother designed a cross field antenna for a Navy contract for VLF
work. The antennas are in use, and they have reserved the rights for MF/HF
broadcast work.

They are also working on other US Gvt contracts that he could not discuss. He did have lots of neat pictures of ball lightning they are generating as a side effect of their work. Go figure.

These guys are hard core magnetic mode antenna physics types. Nearly all RF antenna theory I have ever seen is E field oriented, so I am not surprised that we (collectively) do not understand their work.

BTW- with regard to conservation of energy, Most VLF and even MF/HF antennas are inefficient. Why is it hard to believe that someone could build a more efficient design? I discussed an 80m version with him, and I was looking at a 20m ring 2-3m high. Not exactly more convenient than Butternut verticle, but if it gave performance comparable to a 1/4 wave monopole, with less ground losses, it would be worthwhile.

Personally, if we are referring to Dr. Ken (As he is known by his coworkers), I believe him.

```
Alan Barrow  km4ba          | If a little knowledge.....
jab@atl.hp.com      |      is a dangerous thing.....
...!gatech!kd4nc!km4ba!alan |      then what is the Anti-Dote???
```

Date: 15 Oct 93 16:37:35 EDT
From: hayes!bcoleman@uunet.uu.net
Subject: Homonauseated (Was: Newsline #842)
To: info-hams@ucsd.edu

In article <gradyCEsysC.C79@netcom.com>, grady@netcom.com (Grady Ward) writes:
> Gary Swiger (garys@Ingres.COM) wrote:
> : behavior is normal. I personally don't fear gays but am nauseated by them as
I
> : would be by human feces or vomit, or by the thought of sex with animal, or
incest,
>
> If human feces and vomit bother you, then it's clear you never
> raised any children. :-) 73 KN6JR

Actually, if vomit causes him to be nauseated, then he must be in a perpetual state of vomiting.

(hint: look up nausea vs. nauseated in the dictionary)

--

Bill Coleman, AA4LR

! CIS: 76067,2327

AppleLink: D1958

Principal Software Engineer ! Packet Radio: AA4LR @ W4QO
Hayes Microcomputer Products, Inc. ! UUCP: uunet!hayes!bcoleman
POB 105203 Atlanta, GA 30348 USA ! Internet: bcoleman%hayes@uunet.uu.net
Disclaimer: "My employer doesn't pay me to have opinions."
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

Date: Fri, 15 Oct 1993 13:32:21 GMT
From: news.cerf.net!pagesat!netsys!agate!linus!linus.mitre.org!mwvm.mitre.org!
m14494@network.ucsd.edu
Subject: Knight T-150A manual needed
To: info-hams@ucsd.edu

A friend of mine is looking for a manual and/or
schematic for a Knight-Kit T-150A transmitter.
If you have one to give, sell, or copy, please send
me an email note. Thanks.

Mike, N4PDY
m_white@mitre.org
m14494@mwvm.mitre.org

* These are my opinions only*

Date: Fri, 15 Oct 1993 16:14:10 GMT
From: ftpbox!mothost!lmpsbbs!news@uunet.uu.net
Subject: Motorola ad in QST
To: info-hams@ucsd.edu

In article w165w@hades.cdp.org, system@hades.cdp.org (Tony Pelliccio) writes:
{burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:
{
{>
{>
{> Oh, I do understand, bottom line is the company owns the software and
{> you, the customer, is being allowed to use it. Period.
{
{Exactly, and if in your use you happen to modify it, so be it.
{
{> You go buy a book or sheet music and what you have is a copy.
{> You don't own the story line and you don't own the melody.

```

}
}True, but if I decide for my own enjoyment to change the music there
}isn't a problem.
}
}Tony
}
}-----
}      o      o Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE
}      \      / system @ hades.cdp.org                      Soon W5YI VE
}      \____/
}      (oo) Cow humor. Sort of like the Far Side.
}  /|  ___ \
} / | {MTV}|| MooTV - Rockin' Bumpin' and Funkin' into the 90's
}* ||{___}||
}  ||-----|| (And people thought my last .sig was long, ha!)
}  ^^      ^^
}-----
}
}
}

```

No one has been arguing what you do for yourself....

Those that think they can modify the software, then make a living from that, is where the real contention is and that is the point I have been trying to get at.

If you do modify a radio for your own personal use is fine, BUT:

- 1) This is risky, because messing with the radio's "code" could leave it unusable, should even the slightest mistake be made.
- 2) Modifications void any warranty, although stuff the hams get is generally used and has no warranty anyway.

Bruce, WB4YUC

Date: Fri, 15 Oct 1993 20:22:46 GMT
 From: world!rbarnaby@uunet.uu.net
 Subject: New UHF "Personal Use" Band?
 To: info-hams@ucsd.edu

B10990@ANLVM.CTD.ANL.GOV writes:

>to tell GMRS from ham radio in terms of technical quality and radio
 >etiquette. It appears to me to be a very good way for family members to
 >communicate by radio without taking a license exam...as opposed to cb,

>which appears to me to be a very bad way for family members to communicate
>by radio without taking a license exam.

Just a question? Howzabout those walkie talkies you see contractors using
on a jobsite. Do these fall in the same or different channel??

Richard Barnaby rbarnaby@world.std.com
>

Date: Thu, 14 Oct 1993 23:48:13 GMT
From: paris.ics.uci.edu!csulb.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!usenet.ins.cwru.edu!lerc.nasa.gov!magnus.acs.ohio-
state.edu!csn!qwerty-gw.@news.service.uci.edu
Subject: Problem with DJ-580?
To: info-hams@ucsd.edu

bakalov@ac.wfu.edu (Rudy Bakalov) writes:

> Hi everyone,
> I have a strange problem with my ALINCO and I am not sure if it is
>a design problem, a problem with my radio, or result of cutting the blue and
>the red wires. The problem is that I can hear stations on 440 that are
>actually on 145 MHz. Almost for every memory channel on 2m I can find a
>spot on 77cm that receives the same stuff.

Sounds like cross-band repeater mode is active. Make sure those loose
wires aren't exposed and shorting against anything.

> I also wonder if cutting the wires voids the warranty and thus I
>cannot send the unit back to ALINCO.

I doubt it since cutting one of the wires is detailed in the manual with
no mention of warranty problems. I've heard a lot of good things about
Alinco's service quality so if there's something wrong with the radio
they'll probably fix it without balking.

Quent Johnson (NOWCH)
quent@csn.org

Date: Fri, 15 Oct 1993 19:06:51 GMT
From: super!weh@uunet.uu.net
Subject: re - first SOS in history

To: info-hams@ucsd.edu

A while ago I posted two questions. Thanks very much to all 8 people who responded. Here is a synthesis of the answers.

1 - what ship sent the first sos signal?

The Titanic which sunk in 1912. Also, the first wireless act was passed in 1912 (I think) requiring ships at sea to carry radios and monitor them (the Titanic's sinking may have had something to do with this).

2 - what signal was used for distress before the sos signal?

CQD

Prior to 1912, the SOS signal was not used. It was only agreed to as a signal about 1911 or the early part of 1912, whenever the international convention was (1912, I think). Prior to that time the standard distress signal in use was CQD literally for ``general call to all stations --- distress'' hence the CQ followed by the D.

History has it that the first "SOS" as such was sent from the HMS Titanic on a cold April night in 1912. The radio operator was using the then standard "CQD" without a response. The chief operator then suggested they try the recently agreed upon "SOS" instead. The rest is history.

Date: Fri, 15 Oct 1993 19:06:02 GMT
From: world!dts@uunet.uu.net
Subject: Revised DX-Cluster Wish List
To: info-hams@ucsd.edu

In article <29m882\$ktv@jericho.mc.com> levine@mc.com writes:

>In article AA06961@cmr.ncsl.nist.gov, rc@cmr.ncsl.NIst.GOV (Robert Carpenter) writes:

>>A week or so ago OH2LW0 asked for "wish-list" entries for revised DX-Cluster >>software.

>>

>>I subscribed to the local cluster for a while, but dropped it for the following >>reason.... THE POSTINGS DON'T IDENTIFY THE POSTING STATION'S LOCATION.

>>As a 50 MHz and up type, knowing that W6XXX or K2NNN report a station doesn't >>help. The US non-geographical call-letter situation means that calls do NOT >>indicate station location. However, I discovered that the CURRENT DX-Cluster


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*      *      *      ***      *      *      *****      *****      ***      *****      *      *      *
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*      *****      *****      *      *      *      ***      ***      ***      *      *      *      *
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*      *      *      *      *      *      *      *      *****      ***      *      *      *      *
*
*****
*
*      The Mt. Beacon Amateur Radio Club is sponsoring it's
*      annual Fall Hamfest
*
*      WHEN: Sunday, October 31, 1993.  Doors open for general admission
*      at 8AM and for Vendors at 6AM. Hamfest will last until 1PM.
*
*      WHERE: Arlington Sr. High School, North Campus, located 1/4 mile
*      west of the Taconic State Parkway on Rte 55 (Take TSP
*      North from Interstate 84).  Poughkeepsie/Lagrange, NY.
*      Talk-In on 146.97 MHz (-).
*
*      PRICES: Hams and Computer/Electronics Hobbyists:  $5.00
*      Tailgating (Weather Permitting):  $6.00
*      (incl. 1 Free Admission)
*      Tables: Prepaid: $8.00 (send to address below),
*      $10.00 at gate. (1 free admission, 1 table)
*      Prepaid Reservations: Make checks payable
*      to Mt. Beacon ARC
*      Spouses and Kids are FREE!
*
*      FEATURES:  - Large Indoor Location      - Free Parking
*      - Call Re: FCC exams      - Hot Food and Beverages
*      - ARRL-Approved
*
*      FOR MORE INFORMATION AND FOR PREPAID RESERVATIONS, CONTACT:
*      Ken Akasofu, KL7JCQ
*      316 Titusville Rd, Apt 4
*      Poughkeepsie, NY 12603-2944
*      (914) 485-9617
*
*****

```

Date: Fri, 15 Oct 1993 18:35:54 GMT
From: das.wang.com!wang!dbushong@uunet.uu.net
Subject: The Canonical list of Code-Wars Answers

To: info-hams@ucsd.edu

brian@amdcl2.amd.com (Brian McMinn) writes:

>To Code or Not To Code, *THAT* is the question! I've collected and
>distilled the *ENTIRE* net.wisdom on this issue and so I present the
>following canonical list for your elucidation. In order to conserve
>net.bandwidth, please search for your favorite answer and then respond
>by number rather than with the entire text. :-)

OK. "24".

Dave

:)

--

Dave Bushong, Wang Laboratories, Inc.	Amateur Radio Callsign KZ10
Project Leader, Recognition products	kz1o@n0ary.#noca.ca.na
Internet: dbushong@wang.com	ARRL VE // W5YI VE

Date: 15 Oct 1993 13:53:31 -0700

From: olivea!pagesat!news.cerf.net!fission.dt.wdc.com!oem13!stai@uunet.uu.net

Subject: Write to ARRL - was Motorola Ad in October QST

To: info-hams@ucsd.edu

PC magazines often print articles that describe patches that users can make to commercial programs. One popular patch several years ago described how to change the colors used by Lotus 123. I can't imagine Lotus passing up an opportunity to litigate with someone....;-)

jeff

stai@dt.wdc.com

7 wpm, taking test at 15 wpm

Date: (null)

From: (null)

73,

Philips Wong, VS6XVI

Date: 15 Oct 93 23:46:33 GMT

From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!spool.mu.edu!

news.nd.edu!mac06@network.ucsd.edu

To: info-hams@ucsd.edu

References <jfhCEr30t.8Fo@netcom.com>, <CErQz9.IFr@news.Hawaii.Edu>,
<1993Oct12.165506.3658@pony.Ingres.COM>
Subject : Re: Homonauseated (Was: Newsline #842)

In article <1993Oct12.165506.3658@pony.Ingres.COM>, garys@Ingres.COM (Gary Swiger) wrote:

>
> Right to the point - thanks Jeff... from one of the endangered species
>
> STRAIGHT WHITE MALE
> Gary KE6BYU
>
> Lets keep amatuer free from polictical/social agendas and engineering...
>
> >Jeff NH6IL (back when this country had higher morals: WA6QIJ)

As if excluding ads from a gay radio amateur group in an amateur radio magazine does NOT reflect a political/social position? Come on.

If gay radio clubs or nets want to exist, does anyone have to patronize them? No. Just go on to the next ad, or turn the dial. Or if you would rather stick around and be disgusted, I guess that's your privilege too.

I can think of a lot of possible nets I wouldn't want to join, but if enough hams want to have (for instance) a wifeswappers' net, let them, as long as they can keep the language clean. Heck, the QSOs would probably sound about the same anyway--how big is your rig, how many contacts have you made, have you worked all states, etc. etc. etc.

Charles Hohenstein
N9SQE

End of Info-Hams Digest V93 #1227
